Attachment 1

Diversion of water from Pine Creek is by gate set in an open dirt and rock ditch. (Photo # 3)

Pine Creek flows east and our ditch flows north and northeast. Distance from the point of diversion to our property is 2400 feet. (Photo # 4)

Water enters our property into a settling pond 60 feet long by 40 feet wide, then flows into second settling pond 123 feet long by 50 feet wide. (Photo # 5)

Water flows from settling pond into a trough 41 inches wide by 10 feet long. At the end of the trough is a box (46" wide, 68" long, 36" deep) that is covered by a screen for cleaning debris out of the water. (Photo # 6)

From the box, the water flows into an underground distribution pipe (10-inch dia.). Overflow water from the box is used to flood irrigate pasture. The distribution pipe is 1.1 mile long with 200 feet of fall. The water, under approximately 100 psi gravity pressure, is used for irrigation of crops and windbreak trees with 7 wheel lines, water for livestock and for lawns and gardens around residences. (Photos # 7, 8, 9, 10)

The diversion ditch to our 160 acre property has existed since the early 1900s. Our family has owned and farmed the property since 1955. The present water system and the acreage under cultivation were completed in 1970.

[4—590.]

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